JMS/KTS/dab

PATENT APPLICATION DOCKET NO.: 3402.1007-000



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Lawrence G. Clawson, Mark R. Hagan, Chunming Frank Qi

RECEIVED

OCT 2 2 2003

TC 1700

Application No.:

10/012,195

Group Art Unit:

1745

Filed:

December 5, 2001

and William F. Northrop

Examiner:

Not Assigned

Confirmation No.:

5684

Title:

HEAT TRANSFER OPTIMIZATION IN MULTI

SHELLED REFORMERS

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patens and Trademark Office on:

Donna Bartolone

Typed or printed name of person signing certificate

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

$\sim$	٠		
€.	1	*	٠
r)	1	1	

Sir:	
Γhis Ir	information Disclosure Statement is submitted: under 37 CFR 1.129(a), or (First/Second submission after Final Rejection)
[X]	under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
]	under 37 CFR 1.97(c) together with either:  [ ] a Statement under 37 CFR 1.97(e), as checked below, or
	[ ] a \$180.00 fee under 37 CFR 1.17(p), or  (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
]	under 37 CFR 1.97(d) together with:  [ ] a Statement under 37 CFR 1.97(e), as checked below, and
	a \$180.00 fee under 37 CFR 1.17(p), or

under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

(Filed after payment of issue fee)

Statem	ent Une	der 37 (	CFR 1.97(e)		
[ ]	any co	Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or			
[ ]	No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.				
Statem	ent Und	der 37 (	(Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000		
[X]	commitwas no	unicatio ot receiv	Information contained in the Information Disclosure Statement was cited in a from a foreign patent office in a counterpart application and this communication red by any individual designated in § 1.56(c) more than thirty days prior to the aformation Disclosure Statement.		
[X]	Enclosed herewith is form PTO-1449:				
	[X]	Copies of the cited references are enclosed.			
		[ ]	Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.		
	[ ]	Applic	of the cited references are enclosed except those entered in prior application, U.S. ation No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier ation contains copies of the cited references.]		
	[X]	The lis	ted references were cited in the enclosed International Search Report in a rpart foreign application.		
	[ ]	The "c under i	oncise explanation" requirement (non-English references) for reference(s) [ ] 37 CFR 1.98(a)(3) is satisfied by:		
		[]	the explanation provided on the attached sheet.		
		[ ]	the explanation provided in the Specification.		
		[ ]	submission of the enclosed International Search Report.		
		[ ]	submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.		
		[ ]	the enclosed English language abstract.		

[ ]	Ap	oplic	ant requests that the following n	on-published pending applic	cations be considered:
Examiner Initials	's ··				
	_		U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]
	-		U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]
	-		U.S. Patent Application No. [	], by [inventor(s)], filed [	], Docket No.: [ ]
			Examiner	Date	_
	[	]	A copy of each above-cited app	olication, including the curren	nt claims, is enclosed.
	[	]	A copy of each above-cited app those entered in prior application 35 U.S.C. 120 is claimed.	olication, including the current on, U.S. Application No. [	nt claims, is enclosed, except ], to which priority under
			is requested to return a copy of re considered with the next offic		olications indicating which
It is re	eque	sted	that the information disclosed h	erein be made of record in the	nis application.
Metho	od o	f pay	ment:		
[ ]			k for the fee noted above is encloanying Reply. A copy of this S		luded in the check with the
[ ]			ease charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is closed.		
[X]	Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.				
			R	Respectfully submitted,	
			H	IAMILTON, BROOK, SMIT	TH & REYNOLDS, P.C.
			R	Revin T. Shaughnessy  Registration No.: 51,014  Celephone: (978) 341-0036  Cacsimile: (978) 341-0136	<del></del>

Concord, MA 01742-9133 Dated: 6/16/03

NEORMATION DISCLOSURE CITATION E IN AN APPLICATION

October 15, 2003

ATTORNEY DOCKET NO. 3402.1007-000

APPLICATION NO. 10/012,195

OCT 2 2 2003

APPLICANT

Lawrence G. Clawson, et al.

FILING DATE e several sheets if necessary)

December 5, 2001

CONFIRMATION NO. 5684 1745

1	TYAL CHARLE		FOREIGN PATENT D	OCUMENTS	
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	AL ·	EP 1 094 031 A1	25-04-01	EPO	
	AM	EP 0 922 666 A1	16-06-99	EPO	
	AN	EP 1 094 030 A2	25-04-01	EPO	
	AO	0 615 949 A2	21-09-94	EPO	
	AP	0 600 621 A1	08-06-94	ЕРО	
	AQ	WO 98/08771	05-03-98	PCT	
	AL2	WO 02/47464 A2	20-06-02	PCT	
	AM2	6211501	02-08-94	Japan (Abstract only)	
	AN2				
	AO2				
	AP2				
	AQ2				
	AL3				
	AM3				
	AN3				
:	AO3				
	AP3				
	AQ3				
	AL4				
	AM4				
	AN4				
	AO4				
	AP4				

EXAMINER	DATE CONSIDERED
	-